



Large molten metal splashes

Objective

This method is used to assess the resistance of materials to large splashes of liquid metal.

Principle

The test consists of pouring a quantity of molten metal (depending on the performance level claimed) onto a test piece placed on an inclined frame (75° for iron). Next, a standard PVC film placed behind the test piece is examined for any degradation (smoothing, changes in the film's embossing or relief over a width of more than 5 mm). Any traces of adhesion and/or solidification on the surface of the test piece are also noted.

Type: [Physical and mechanical test](#)

Standard: [EN 407 § 4.5.7](#)

Product: [Gloves](#)

Criteria: [PEE](#) / [Thermal risk](#)

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